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KUDO, et al., 10/770,519
05 December 2007 Amendment
Responsive to 05 September 2007 Office Action

DEC 05 2007

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Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application.

1. (Currently Amended) A content transmitting device comprising:

network communication process means for transmitting and receiving data via a network;

send-content generating means for supplying said network communication device with a content to be transmitted to a content receiving device connected via said network;

authenticating means for receiving an authentication request from said content receiving device and authenticating said authentication request; and
~~in-response-to-authentication-request-to-said-content-receiving-device;~~

encrypting means for generating key information by key information generated based on information obtained by performing an authentication process by said authenticating means, and carrying out an encryption process of a content to be transmitted to said content receiving device, by using said key information;

timer means for measuring a time from transmission of ~~an authentication request~~ to said content receiving device ~~as a time from transmission of a request to said authentication request from said content receiving device until~~ arrival of acknowledgement of receipt from said content receiving device,

wherein when a measured result by said timer means is larger than a predetermined value, the content is not transmitted to said content receiving device.

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2. (Currently Amended) A content transmitting device according to Claim 1,

wherein when the measured time ~~by said timer means from transmission of said~~
~~authentication request to said content receiving device until arrival of~~
~~acknowledgment of receipt by said content receiving device~~ is larger than a
predetermined value, said authenticating means decides that the authentication of
said content receiving device is a failure so as to restrict the transmittable range of
the content to within a location or house in which said content transmitting device is
placed.

3.-6. (Cancelled)

7. (Currently Amended) A method for transmitting a content between a
content transmitting device and a content receiving device connected via a network,
wherein in said content transmitting device, said content transmitting method
comprises the steps of:

authentication of receiving an authentication request from said content
receiving device, authenticating said authentication request, ~~and issuing in return an~~
~~authentication request to said content receiving device;~~

encryption of generating key information by key information generated based
on information obtained by performing said authentication step, and performing an
encryption process of a content transmitted to said content receiving device by said
key information;

measuring a time from transmission of ~~an authentication request~~ information
to said content receiving device ~~or a time from transmission of a response to said~~

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~~authentication request from said content receiving device until arrival of~~

acknowledgement of receipt from said content receiving device,

wherein in said content receiving device, the content transmitting method comprises the step of:

authentication of issuing an authentication request to said content transmitting device, and making a pass/fail decision on the authentication of the authentication request received from said content transmitting device;

decryption of generating key information by key information generated based on information obtained by performing said authentication process, and decrypting a content from said content transmitting device by said key information;

measuring a time from transmission of an authentication request to said content transmitting device or a time from when transmission of a response to the authentication request of said content transmitting device until arrival of acknowledgement of receipt from said content transmitting device,

wherein when a measured result by said content transmitting device or a measured result by said content receiving device is larger than a predetermined value, said content transmitting device does not transmit a content to said content receiving device.

8. (Currently Amended) A content transmitting method in a content transmitting device for transmitting a content to a content receiving device connected via a network, said method comprising the steps of:

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when transmitting a content, receiving an authentication request from said content receiving device and authenticating said authentication request, ~~and leaving in return an authentication request to said content receiving device;~~ and measuring a time from when ~~the authentication request information~~ is transmitted to said content receiving device until arrival of acknowledgement of receipt ~~from said content receiving device,~~

wherein when a measured result is larger than a predetermined value, said content transmitting device does not transmit the content to said content receiving device.

9. (Cancelled)

10. (Currently Amended) An information transmitting device comprising:
authenticating means for, when transmitting information an information receiving device connected via a network, receiving an authentication request from said information and authenticating said authentication request, ~~and leaving in return an authentication request to said information receiving device;~~ and
time measuring means for measuring a time from when ~~the authentication request information~~ is transmitted to said information receiving device until arrival of acknowledgement of receipt from said information receiving device,

wherein when a measured result by said time measuring means is larger than a predetermined value, information is not transmitted to said information receiving device.

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11.-12. (Cancelled)

13. (New) A content transmitting device according to Claim 1, wherein said timer means further measures a second time from when an authentication response responding to said information from said content receiving device is transmitted from said content transmitting device until acknowledgement of receipt from said content receiving device.

14. (New) A content transmitting device according to Claim 13, wherein when said content transmitting device receives the authentication request from said content receiving device and transmits an acknowledgement of receipt to said content receiving device, said content receiving device measures a third time from when said authentication request is transmitted to said content transmitting device until acknowledgement of receipt from said content transmitting device.

15. (New) A content transmitting device according to Claim 1, wherein when said content transmitting device receives the authentication request from said content receiving device and transmits an acknowledgement of receipt to said content receiving device, said content receiving device measures a third time from when said authentication request is transmitted to said content transmitting device until acknowledgement of receipt from said content transmitting device.

16. (New) A content transmitting method according to Claim 8, wherein said step of measuring a time further including measuring of a second time from when an

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authentication response responding to said information from said content receiving device is transmitted from said content transmitting device until acknowledgement of receipt from said content receiving device.

17. (New) An information transmitting device according to Claim 10, wherein said time measuring means further measures a second time from when an authentication response responding to said information from said content receiving device is transmitted from said content transmitting device until acknowledgement of receipt from said content receiving device.